Compression Test Machine Automation [CTM]

User Manual
For LAB users

Created On:
28-November-2012

Created By:
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How to Start

1. Type following URL in your browser
   http://ultratech.rmc.com:8080/VDMS_DMZ/Page/

2. You will be directed to VDMS Home page.

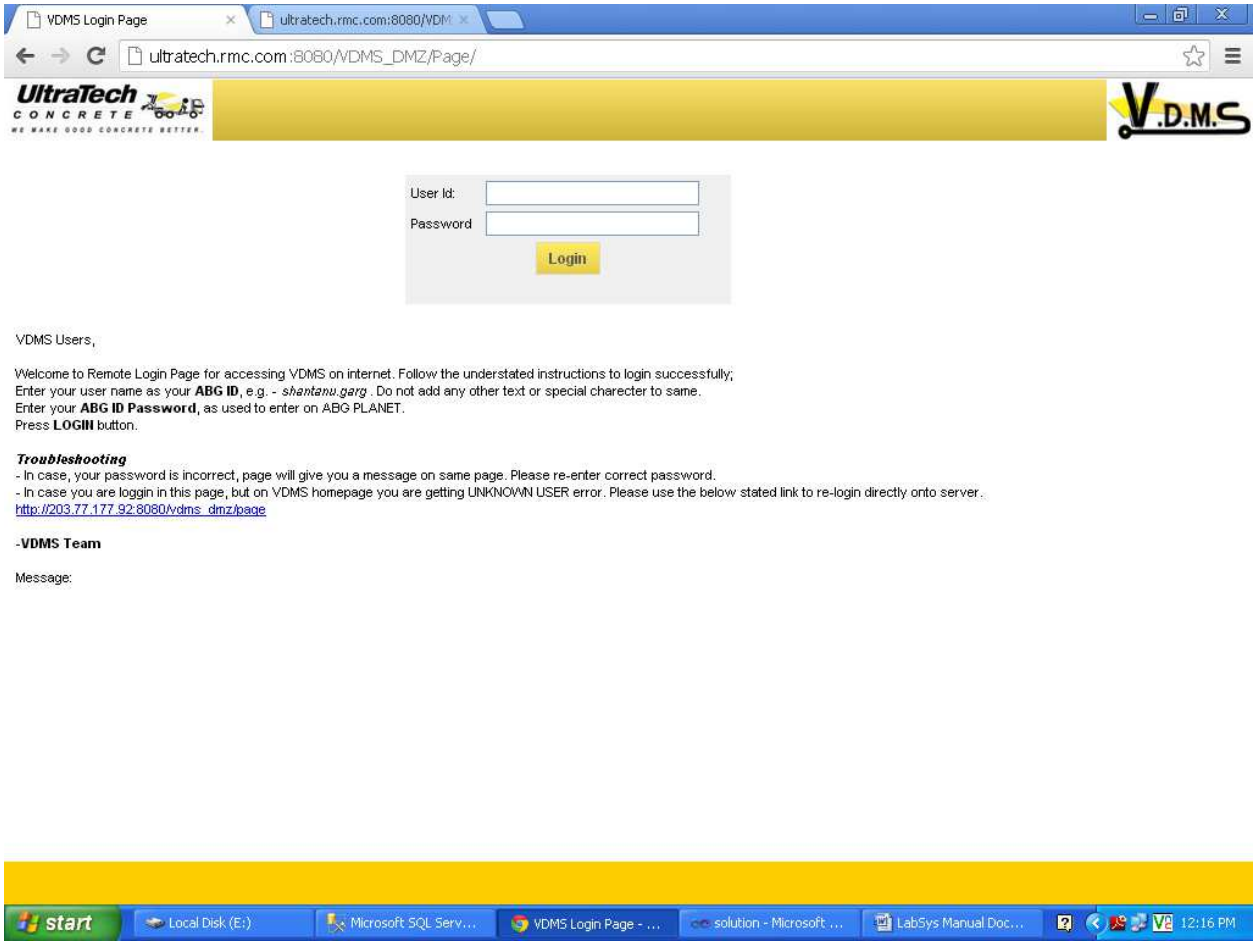
Assumption

1. You have valid ABGPlanet User Id / Password.

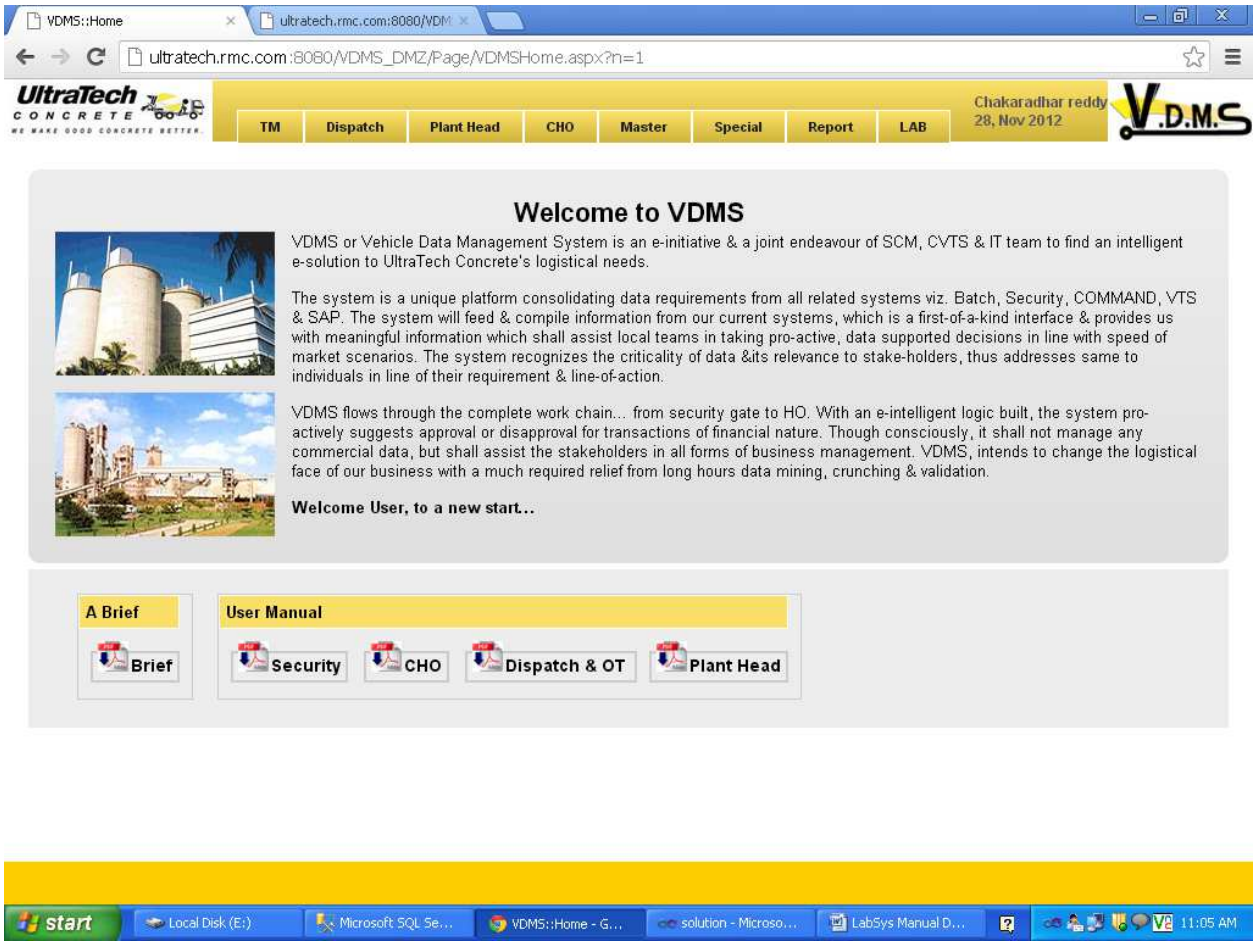
2. Admin has given you access right on the system.

System Menu

Main Screen


VDMS Login Page
ultratech.rmc.com:8080/VDMS_DMZ/Page/
UltraTech CONCRETE
V.D.M.S
User Id:
Password
Login
VDMS Users,
Welcome to Remote Login Page for accessing VDMS on internet. Follow the understated instructions to login successfully;
Enter your user name as your ABG ID, e.g. - shantanu.garg . Do not add any other text or special charecter to same.
Enter your ABG ID Password, as used to enter on ABG PLANET.
Press LOGIN button.
Troubleshooting
- In case, your password is incorrect, page will give you a message on same page. Please re-enter correct password.
- In case you are loggin in this page, but on VDMS homepage you are getting UNKNOWN USER error. Please use the below stated link to re-login directly onto server.
http://203.77.177.92:8080/vdms_dmz/page
-VDMS Team
Message:
start
Local Disk (E:)
Microsoft SQL Serv...
VDMS Login Page - ...
solution - Microsoft ...
LabSys Manual Doc...
12:16 PM

After entering the URL user can access this form. After entering the valid user id and password user can view the following screen.


VDMS::Home
ultratech.rmc.com:8080/VDMS_DMZ/Page/VDMSHome.aspx?n=1
UltraTech CONCRETE
TM
Dispatch
Plant Head
CHO
Master
Special
Report
LAB
Chakaradhar reddy
28, Nov 2012
V.D.M.S
Welcome to VDMS
VDMS or Vehicle Data Management System is an e-initiative & a joint endeavour of SCM, CVTS & IT team to find an intelligent e-solution to UltraTech Concrete's logistical needs.
The system is a unique platform consolidating data requirements from all related systems viz. Batch, Security, COMMAND, VTS & SAP. The system will feed & compile information from our current systems, which is a first-of-a-kind interface & provides us with meaningful information which shall assist local teams in taking pro-active, data supported decisions in line with speed of market scenarios. The system recognizes the criticality of data &its relevance to stake-holders, thus addresses same to individuals in line of their requirement & line-of-action.
VDMS flows through the complete work chain... from security gate to HO. With an e-intelligent logic built, the system pro-actively suggests approval or disapproval for transactions of financial nature. Though consciously, it shall not manage any commercial data, but shall assist the stakeholders in all forms of business management. VDMS, intends to change the logistical face of our business with a much required relief from long hours data mining, crunching & validation.
Welcome User, to a new start...
A Brief
Brief
User Manual
Security
CHO
Dispatch & OT
Plant Head
start
Local Disk (E:)
Microsoft SQL Se...
VDMS::Home - G...
solution - Microso...
LabSys Manual D...
11:05 AM

Description

1. Visibility of above Tabs would be based on Logged in user ROLE and the rights assigned to that

Particular Role.

2. Find below indicative sub menus under different TABS::

A. LAB

i. Cube Sampling

ii. Daily Planning

iii. Cube Test

iv. LabSys Data

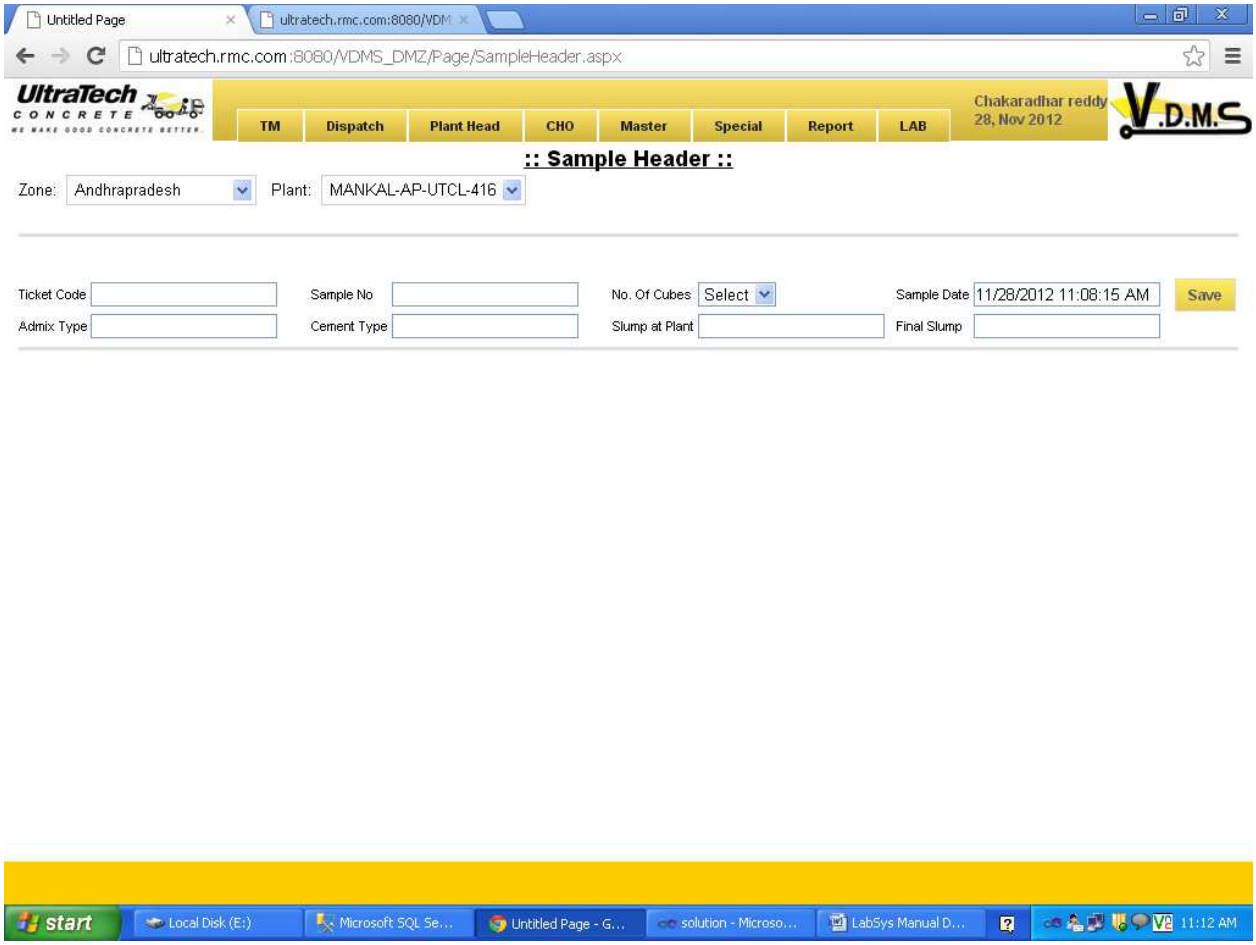
v. Sample import process in LabSys

vi. Concrete Sampling Report

vii. Concrete Cube Sampling Report

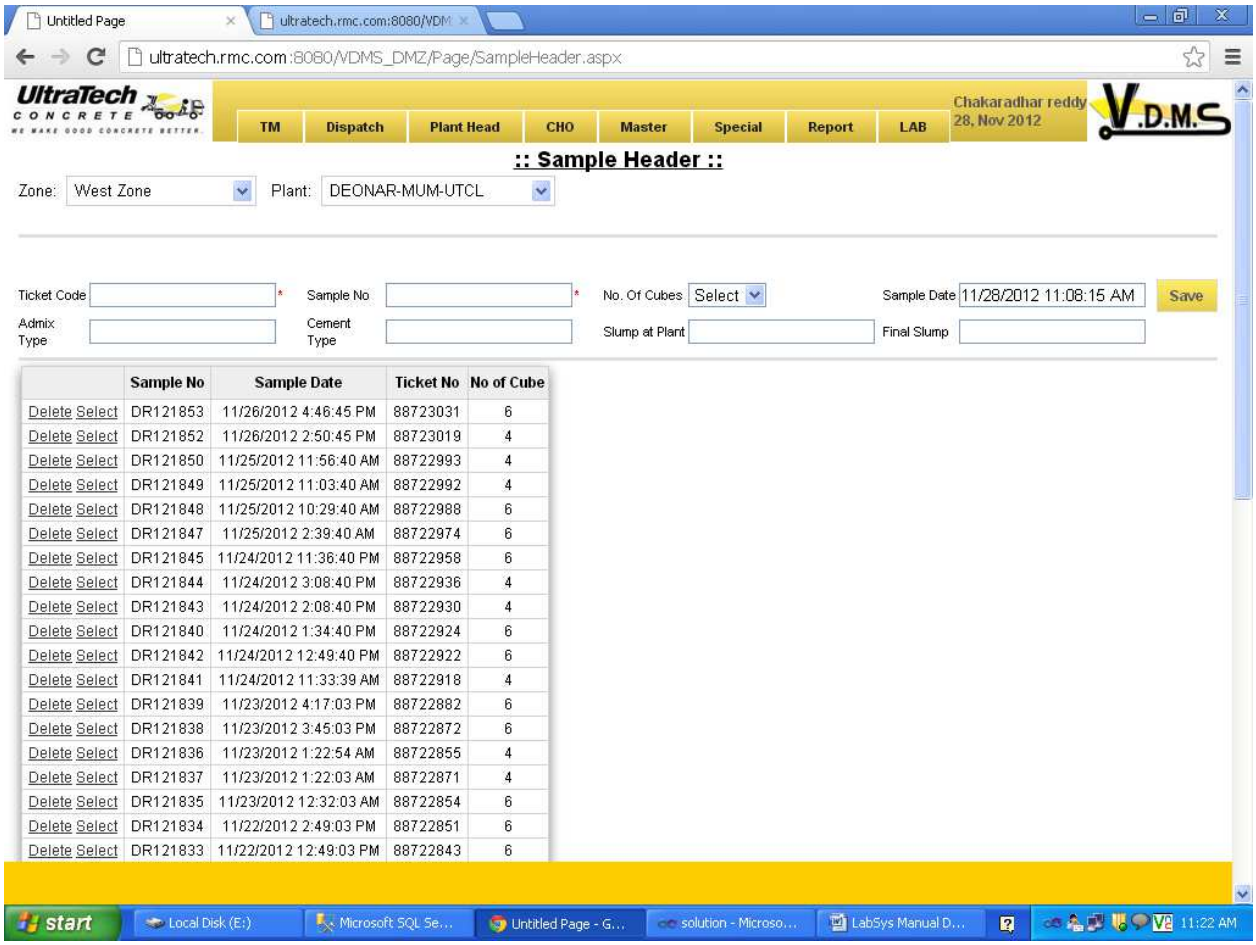
i. Cube Sampling

When you will click on Cube Sampling sub-menu then you can see following screen



Description

1. Select proper zone.
2. Select your plant which is assigned for the logged in user.
3. Ticket code, Sample No, Cube no are mandatory to save any record.
4. Sampling date you can give as per your need.
5. You can add Admix type, Cement type, Slump at plant, Final slump to save record. These fields are required for Reporting purpose.
6. Click on save button then reflect "Record Create Successfully" while display record in GridView


Untitled Page
ultratech.rmc.com:8080/VDMS_DMZ/Page/SampleHeader.aspx
UltraTech CONCRETE
TM
Dispatch
Plant Head
CHO
Master
Special
Report
LAB
Chakaradhar reddy
28, Nov 2012
V.D.M.S
:: Sample Header ::
Zone: West Zone
Plant: DEONAR-MUM-UTCL
Ticket Code
Sample No
No. Of Cubes
Select
Sample Date 11/28/2012 11:08:15 AM
Save
Admix Type
Cement Type
Slump at Plant
Final Slump
Sample No | Sample Date | Ticket No | No of Cube
Delete Select | DR121853 | 11/26/2012 4:46:45 PM | 88723031 | 6
Delete Select | DR121852 | 11/26/2012 2:50:45 PM | 88723019 | 4
Delete Select | DR121850 | 11/25/2012 11:56:40 AM | 88722993 | 4
Delete Select | DR121849 | 11/25/2012 11:03:40 AM | 88722992 | 4
Delete Select | DR121848 | 11/25/2012 10:29:40 AM | 88722988 | 6
Delete Select | DR121847 | 11/25/2012 2:39:40 AM | 88722974 | 6
Delete Select | DR121845 | 11/24/2012 11:36:40 PM | 88722958 | 6
Delete Select | DR121844 | 11/24/2012 3:08:40 PM | 88722936 | 4
Delete Select | DR121843 | 11/24/2012 2:08:40 PM | 88722930 | 4
Delete Select | DR121840 | 11/24/2012 1:34:40 PM | 88722924 | 6
Delete Select | DR121842 | 11/24/2012 12:49:40 PM | 88722922 | 6
Delete Select | DR121841 | 11/24/2012 11:33:39 AM | 88722918 | 4
Delete Select | DR121839 | 11/23/2012 4:17:03 PM | 88722882 | 6
Delete Select | DR121838 | 11/23/2012 3:45:03 PM | 88722872 | 6
Delete Select | DR121836 | 11/23/2012 1:22:54 AM | 88722855 | 4
Delete Select | DR121837 | 11/23/2012 1:22:03 AM | 88722871 | 4
Delete Select | DR121835 | 11/23/2012 12:32:03 AM | 88722854 | 6
Delete Select | DR121834 | 11/22/2012 2:49:03 PM | 88722851 | 6
Delete Select | DR121833 | 11/22/2012 12:49:03 PM | 88722843 | 6
start
Local Disk (E:)
Microsoft SQL Se...
Untitled Page - G...
solution - Microso...
LabSys Manual D...
11:22 AM

7. If sample no contain number of cubes then you cannot delete sample no.
8. Click on ‘select’ link to display all cubes data of the selected sample number
9. By default system will display default values, but user can edit cube length, width, height, age in days. User can delete the cube records, if status of records is ‘PENDING’.

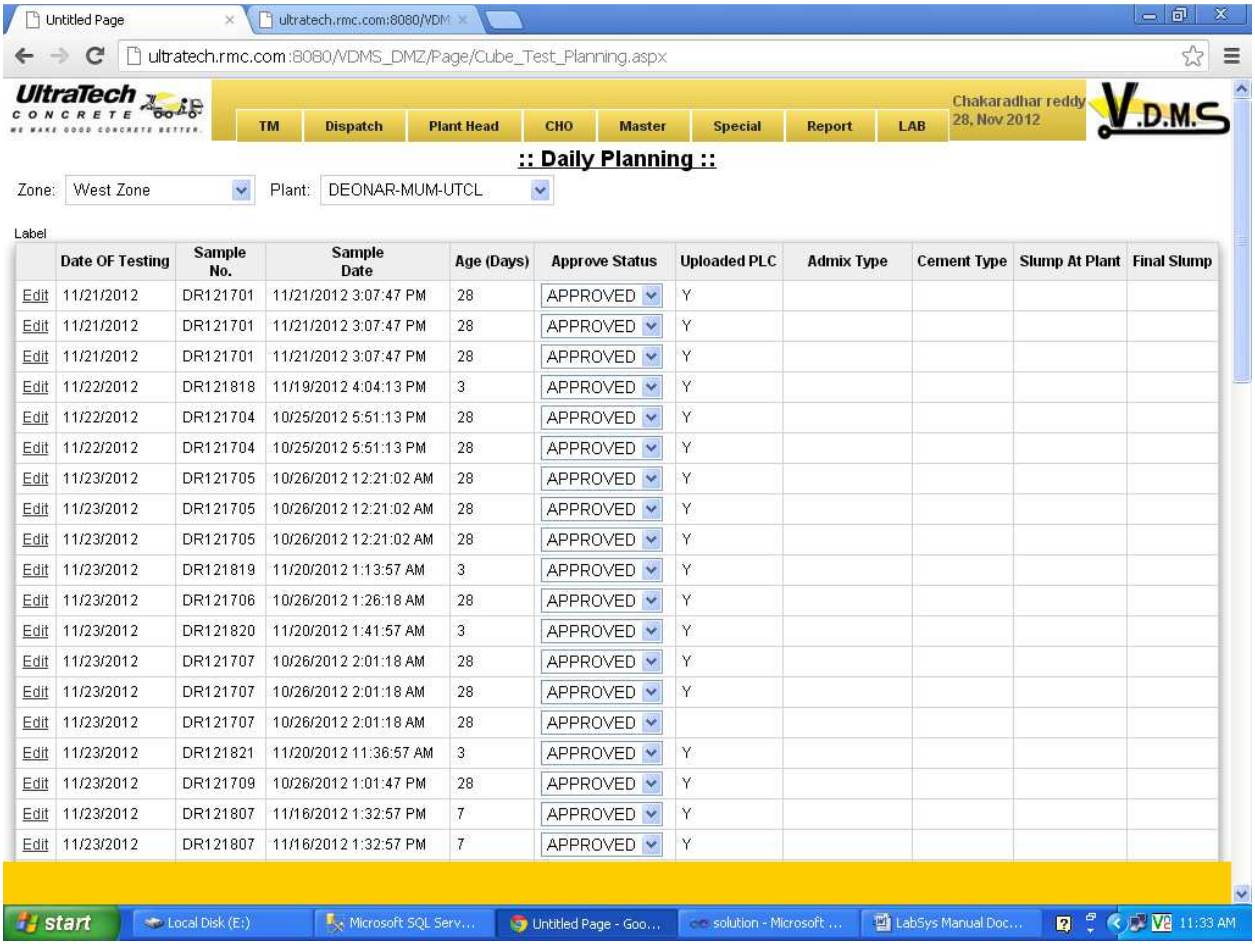
   Please Note: Based on Sample date and age of the cube, system will generate auto schedule of cube breaking.

ii. Daily Planning

Based on above Cube Sampling, daily planning will display today's records to test the cubes and any old records which are pending for testing

When you will click on Daily Planning sub-menu then you can see following screen

1. Select proper zone and your plant
2. In GridView record will be display in Ascending order Date of Testing, Sample no, Sample date respectively
3. Click on edit link to change Age (Days) as per user requirement.
4. System will display records based on sampling date.
5. To test the cube/break the cube user has to change Approve status to "Approved". Approved records will move to CTM memory.



	Date OF Testing	Sample No.	Sample Date	Age (Days)	Approve Status	Uploaded PLC	Admix Type	Cement Type	Slump At Plant	Final Slump
Edit	11/21/2012	DR121701	11/21/2012 3:07:47 PM	28	APPROVED	Y				
Edit	11/21/2012	DR121701	11/21/2012 3:07:47 PM	28	APPROVED	Y				
Edit	11/21/2012	DR121701	11/21/2012 3:07:47 PM	28	APPROVED	Y				
Edit	11/22/2012	DR121818	11/19/2012 4:04:13 PM	3	APPROVED	Y				
Edit	11/22/2012	DR121704	10/25/2012 5:51:13 PM	28	APPROVED	Y				
Edit	11/22/2012	DR121704	10/25/2012 5:51:13 PM	28	APPROVED	Y				
Edit	11/23/2012	DR121705	10/26/2012 12:21:02 AM	28	APPROVED	Y				
Edit	11/23/2012	DR121705	10/26/2012 12:21:02 AM	28	APPROVED	Y				
Edit	11/23/2012	DR121705	10/26/2012 12:21:02 AM	28	APPROVED	Y				
Edit	11/23/2012	DR121819	11/20/2012 1:13:57 AM	3	APPROVED	Y				
Edit	11/23/2012	DR121706	10/26/2012 1:26:18 AM	28	APPROVED	Y				
Edit	11/23/2012	DR121820	11/20/2012 1:41:57 AM	3	APPROVED	Y				
Edit	11/23/2012	DR121707	10/26/2012 2:01:18 AM	28	APPROVED	Y				
Edit	11/23/2012	DR121707	10/26/2012 2:01:18 AM	28	APPROVED	Y				
Edit	11/23/2012	DR121707	10/26/2012 2:01:18 AM	28	APPROVED					
Edit	11/23/2012	DR121821	11/20/2012 11:36:57 AM	3	APPROVED	Y				
Edit	11/23/2012	DR121709	10/26/2012 1:01:47 PM	28	APPROVED	Y				
Edit	11/23/2012	DR121807	11/16/2012 1:32:57 PM	7	APPROVED	Y				
Edit	11/23/2012	DR121807	11/16/2012 1:32:57 PM	7	APPROVED	Y				

iii. Cube Test:

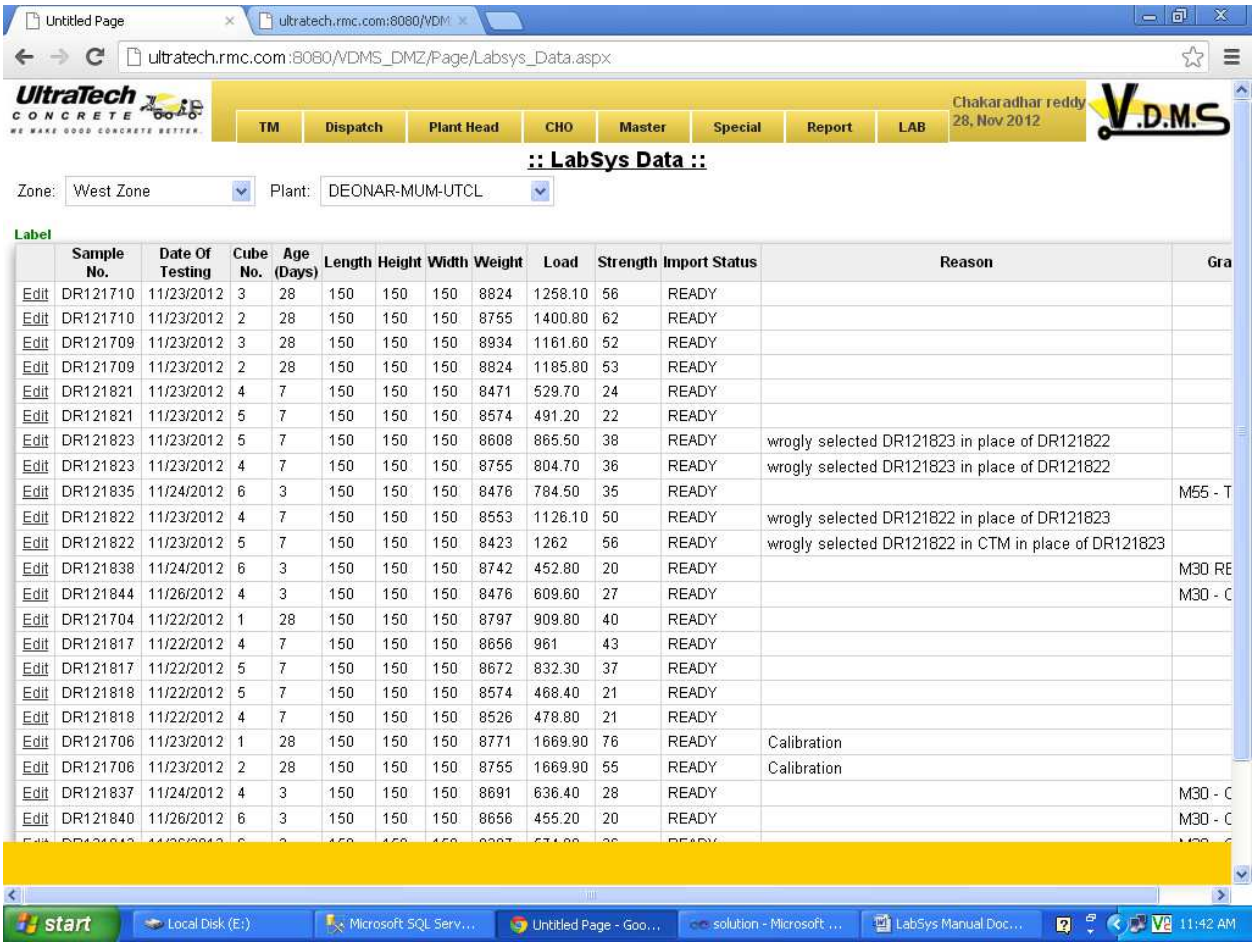
Digital keyboard has been integrated on CTM Machine with memory to store sample records and its load and weight.

1. User can select the sample no from the list available in above keyboard. There are additional controls like ‘Find’ and ‘Delete’ the samples.
2. Once sample is selected, user can break the cube and take weight of the cube.
3. Both the load and weight will get record against the sample selected.
4. There is web service on server, which will get activate every half an hour and fetch the records from CTM memory to Database.

iv. LabSys Data

This is the screen to show the records which are ready to import to LabSys. User can check and make correction with reason code on these records. On this screen …

1. Select proper zone and your plant
2. You can edit load with reason.
3. Following GridView you can see.



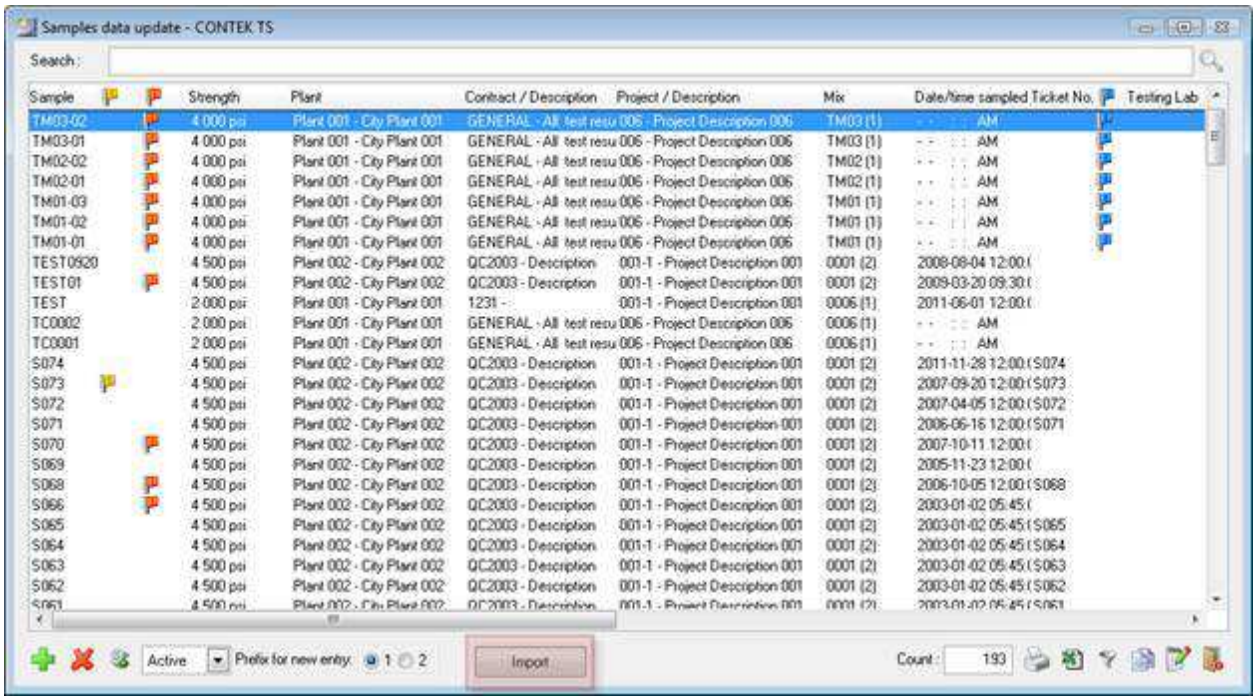
	Sample No.	Date Of Testing	Cube No.	Age (Days)	Length	Height	Width	Weight	Load	Strength	Import Status	Reason	Gra
Edit	DR121710	11/23/2012	3	28	150	150	150	8824	1258.10	56	READY		
Edit	DR121710	11/23/2012	2	28	150	150	150	8755	1400.80	62	READY		
Edit	DR121709	11/23/2012	3	28	150	150	150	8934	1161.60	52	READY		
Edit	DR121709	11/23/2012	2	28	150	150	150	8824	1185.80	53	READY		
Edit	DR121821	11/23/2012	4	7	150	150	150	8471	529.70	24	READY		
Edit	DR121821	11/23/2012	5	7	150	150	150	8574	491.20	22	READY		
Edit	DR121823	11/23/2012	5	7	150	150	150	8608	865.50	38	READY	wrogly selected DR121823 in place of DR121822	
Edit	DR121823	11/23/2012	4	7	150	150	150	8755	804.70	36	READY	wrogly selected DR121823 in place of DR121822	
Edit	DR121835	11/24/2012	6	3	150	150	150	8476	784.50	35	READY		M55 - T
Edit	DR121822	11/23/2012	4	7	150	150	150	8553	1126.10	50	READY	wrogly selected DR121822 in place of DR121823	
Edit	DR121822	11/23/2012	5	7	150	150	150	8423	1262	56	READY	wrogly selected DR121822 in CTM in place of DR121823	
Edit	DR121838	11/24/2012	6	3	150	150	150	8742	452.80	20	READY		M30 RE
Edit	DR121844	11/26/2012	4	3	150	150	150	8476	609.60	27	READY		M30 - C
Edit	DR121704	11/22/2012	1	28	150	150	150	8797	909.80	40	READY		
Edit	DR121817	11/22/2012	4	7	150	150	150	8656	961	43	READY		
Edit	DR121817	11/22/2012	5	7	150	150	150	8672	832.30	37	READY		
Edit	DR121818	11/22/2012	5	7	150	150	150	8574	468.40	21	READY		
Edit	DR121818	11/22/2012	4	7	150	150	150	8526	478.80	21	READY		
Edit	DR121706	11/23/2012	1	28	150	150	150	8771	1669.90	76	READY	Calibration	
Edit	DR121706	11/23/2012	2	28	150	150	150	8755	1669.90	55	READY	Calibration	
Edit	DR121837	11/24/2012	4	3	150	150	150	8691	636.40	28	READY		M30 - C
Edit	DR121840	11/26/2012	6	3	150	150	150	8656	455.20	20	READY		M30 - C

v. Sample import process in LabSys

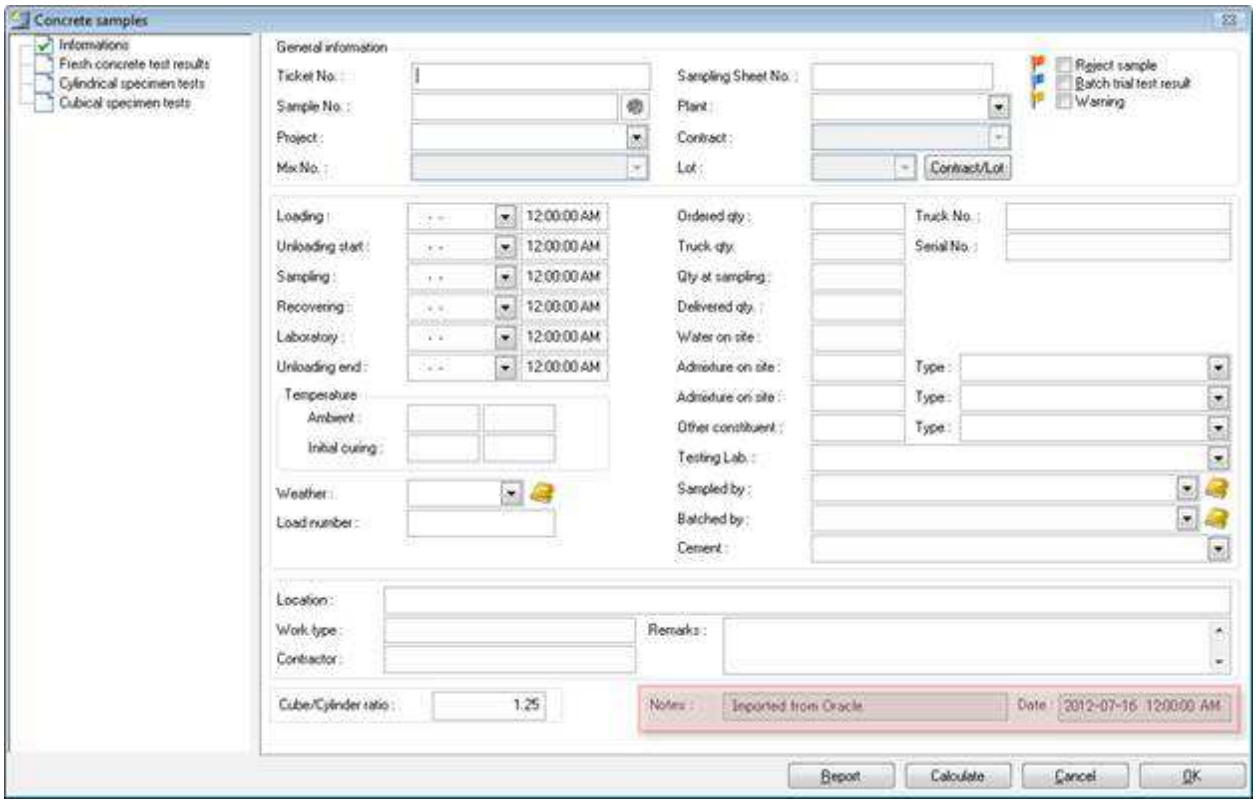
Authorised user can enter into LabSys system.

1. Go to Data entry/Laboratory/Concrete samples

2. Press “Import” button in the samples data update screen.



3. The system will gather all samples from the Oracle database Interface and update the tables in LabSys.
4. You can identify the samples imported from CTM Integration …



vi. Concrete Sampling Reports

Click on Reports sub-menu to select reports

a. Select proper zone and your plant
b. Give From Date & To Date as per requirement then click on Search button display records in Grid View
c. You may click on ‘Download’ to get the data in excel format.

vii. Concrete Cube Sampling Reports

Click on Reports sub-menu to select reports

a. Select proper zone and your plant
b. Give From Date & To Date as per requirement then click on Search button display records in Grid View
c. You may click on ‘Download’ to get the data in excel format.